

Amendments to the Specification:

Please replace paragraph [0270] on page 66 with the following amended paragraph [0270]:

[0270] To maximize the thermionic temperature of the reaction that forms the plasma, a determined mixture of neon and argon may be used in the UV light source 2984. For example, the mixture may be in a range of up to about 5% neon and the remainder argon. Alternatively, the range of neon may be about 5% to about 15%. In still another alternative, the neon may be about 25% or less and the argon may be about 75% or moreless.